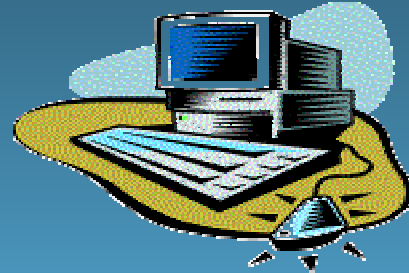


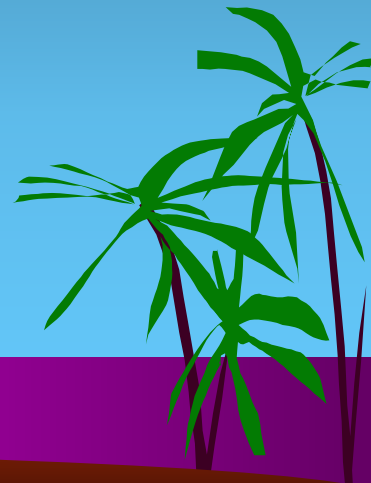
# ***FLOOD CONTROL CONCEPTS***



Jacksonville District

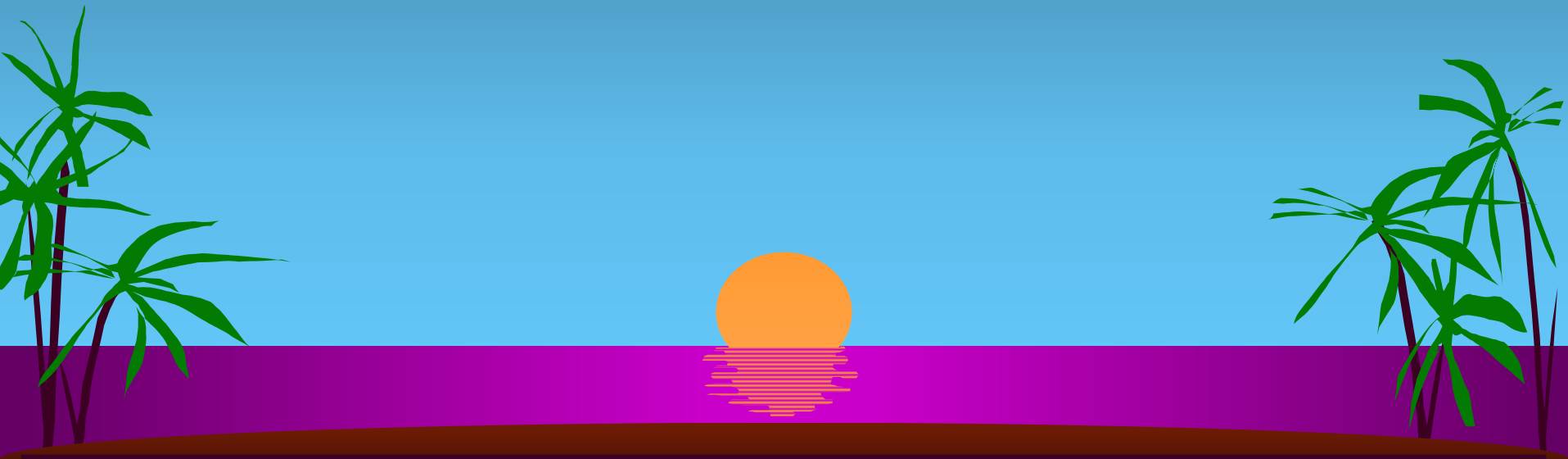
# ***CORPS OF ENGINEERS MISSION***

- ▲ ***Plan, design, build and operate water resource projects***
- ▲ ***Projects must be justified based on benefits provided***
- ▲ ***Projects are usually multi-purpose***



# *Flooding is the result of:*

- ▲ *Excess Surface Water*
- ▲ *Excess Ground Water*
- ▲ *Interaction of the two*



# ***Federal Flood Protection***

- ▲ ***Depends on both authorization & appropriation***
- ▲ ***Designed for Prescribed Level of Justified Protection***
- ▲ ***Authorization Based on Federal, State, and Local Responsibilities***

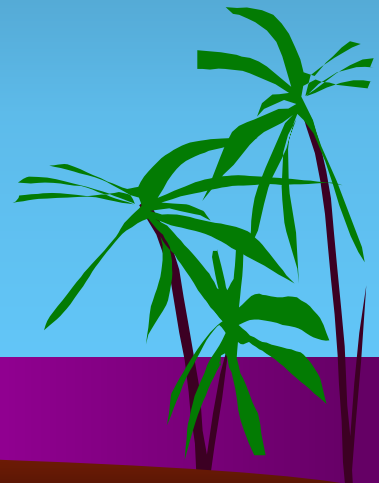


# *Flood Protection - a Combination of*

▲ *Policy*

▲ *Physical features - main canals,  
feeder canals, water control  
structures*

▲ *Operating criteria*



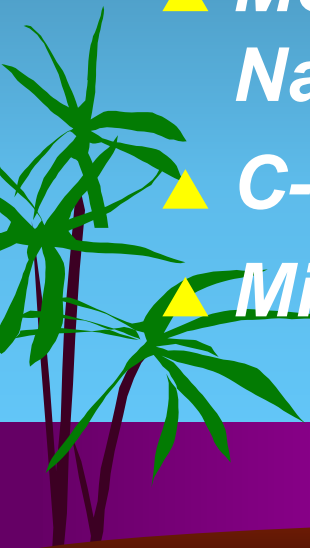
# *Influencing Factors*

- ▲ *Rainfall, tropical storms & hurricanes*
- ▲ *Tides*
- ▲ *Adequacy of drainage system*
- ▲ *Development density/type of crops*
- ▲ *City planning & zoning*



# *Ongoing Federal Efforts that affect flood protection*

- ▲ *C-51, West Palm Beach Canal*
- ▲ *C-111*
- ▲ *Critical Projects*
- ▲ *IOP, CSOP*
- ▲ *Modified Water Deliveries to Everglades National Park*
- ▲ *C-4 Canal Evaluation*
- ▲ *Miami-Dade Canal Study*



# *Flood Protection in CERP*

- ▲ **WRDA 2000, Sec 601(b)(1)(A) –**  
*“...the plan is approved as a framework for modifications and operational changes... while providing for other water-related needs of the region, including water supply and flood protection.”*





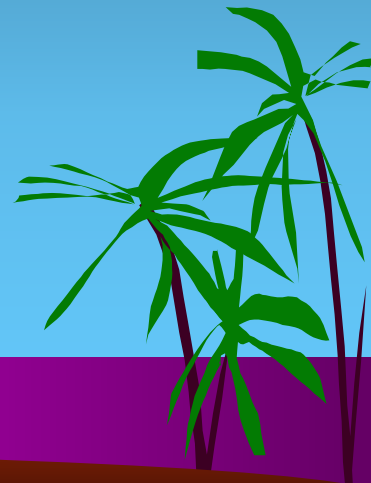
# *CERP Savings Clause*

- ▲ *WRDA 2000, Sec 601(h)(5)(B)*  
*Maintenance of Flood Protection -*  
*“Implementation of the Plan shall not*  
*reduce levels of service for Flood*  
*Protection that are –*
  - (I) in existence on the date of*  
*enactment of this Act; and*
  - (ii) in accordance with applicable*  
*law.”*



# *What next for CERP Flood Protection*

- ▲ *Programmatic Regs completion*
- ▲ *Development of baseline conditions, i.e., existing flood conditions, for each PIR project area*



*Questions?*

